



# The Blurb



*Newsletter of The Phil-Mont Mobile Radio Club  
Public Service Since 1949*

Volume 56 Number 6

<http://www.phil-mont.org>

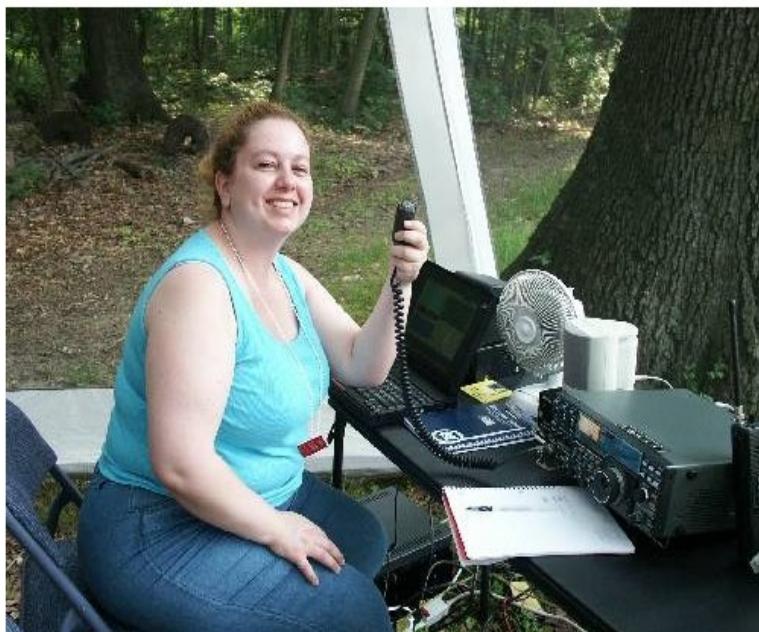
June 2006



**June 24-25**



**Fort Washington  
State Park**



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**The Blurb** is published monthly by, and for, the members of **The PHIL-MONT MOBILE RADIO CLUB, INC.**

whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. *Copying and quoting* is permitted with a credit line. We gladly exchange publications with other amateur radio clubs. Requests should be sent to the Editor. *Subscriptions* are available to non-members for \$10, addressed to the Treasurer.

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**Labels and mailing:** WB3KOJ & WB3KOH

**Submissions deadline:** all copy must be in the hands of the Editors by the 20th of the previous month.

### Sunday Morning Net Schedules

- 2 Meter/ 70cm Net** .....at 09:30et on W3QV repeater
- 10-on-10 Net** .....at 10:00et 28.393 MHz USB ( $\pm$ QRM)
- 75 meter Net** .....at 10:20et 3.993 MHz LSB

powered by



## Contact Phil-mont:

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<http://www.phil-mont.org>

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**For club information:** contact any club officer, or the repeaters listed below. Address or club directory changes, and articles that are for the membership e-mail list should be sent to: [wb3koj@comcast.net](mailto:wb3koj@comcast.net)

**The club meets** at 7:30 PM on the **second non-holiday Wednesday** of every month except July and August at

**The Masonic Village at Lafayette Hill**  
801 Ridge Pike  
Lafayette Hill, PA 19444-1799  
**All visitors are welcome!**

### License Examinations

are held on the **first non-holiday Thursday** each month (except July and August) at

**Northeast High School,**

**Cottman and Algon Streets, Philadelphia PA**

Registration begins at 6:00 P.M. Enter through the SPARC wing. Exams begin and doors closed and locked at **6:30 P.M.** **Sharp!** . Applicants should call Dusty ND3Q at 215-879-0505 (day) or 215 482 0386 (eve) for the latest information.

### Club Stations

**W3QV Club Repeater - Trustee:** W3BBB

Ridge & Port Royal Avenues, Philadelphia, PA

**147.03 MHz + PL 91.5 Hz** **444.80 MHz + PL 186.2 Hz**

Reach us on Echolink through WU3I-L

**W3AA -Trustee:** WU3I

**W3EM - Field Day/special event station Trustee:** W3VVS

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### Committees

Archives: NG3P  
Audit: NS3K  
Awards: open

Blurb folding:  
WB3KOJ & WB3KOH  
Directory:WB3KOJ  
DX: N3MT  
Emerg.Coor.: K3HWE  
Field Day: KE3QB

Internet: K3XS  
Membership: N3XKE  
Net Control: KB3IV  
Publicity: W3RM  
Program: Club VP

Public Service: KE3QB  
Refreshments: W3AOK  
Repeater: W3BBB  
Skywarn: WX3PHI  
Sunshine: N3GLU  
Youth: N3MT

TVI: W3VVS  
VE Program: ND3Q  
W3AA Trustee: WU3I  
Welcome: K3CJ.

## Hellschreiber club forming

via Steve - W0SDG

### The Bands Are Going to Hell!

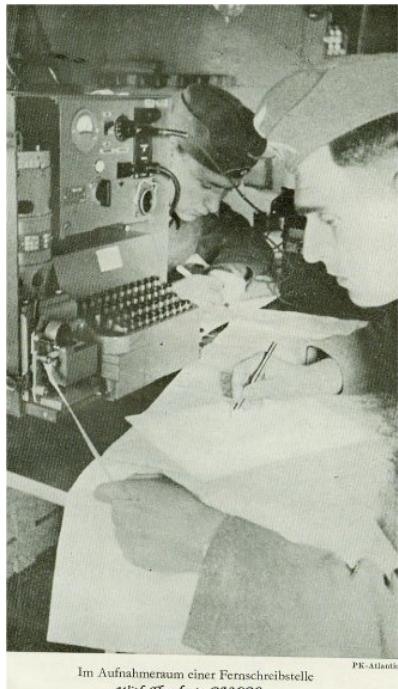
**Here is your chance to operate one of the “new” digital modes that has a lot of history behind it.**

For the past six or seven years I’ve enjoyed the leisurely pace of Hellschreiber, a digital mode that prints across your computer screen a bit like a fax, which is why it is sometimes dubbed the “fuzzy mode”.

THIS IS PROSE SENDING ON A GERMAN WORLDWAR2 HELLSCHREIBER MADE IN 1944  
THIS IS PROSE SENDING ON A GERMAN WORLDWAR2 HELLSCHREIBER MADE IN 1944

Feld-Hell chugs along at 25 wpm, and some software allows you to print simple pictures like smiley faces and stars. Mostly you’ll find US operators who like to rag chew, but I’ve had some European DX contacts as well.

**A RICH HISTORY** There is a rich history to this mode, which was originally patented in 1929 by Rudolf Hell and used extensively in portable field operations during WWII. It eventually was employed by some news services and remained in use as recently as 1980. Unlike teleprinters, Hellschreiber machines had only two moving parts and so were mobile and dependable.



Today you don’t need a Hellschreiber machine because of software by IZ8BLY, MultiPSK or the commercial MixW.

**ANYBODY OUT THERE?** Until recently, Hellschreiber enthusiasts were sometimes frustrated by the low level of activity in the mode. Then in March a Feld-Hell club was formed which has stimulated new interest in the old fuzzy mode. Membership is free and there are some achievement awards, links to a cluster that spots digital stations, a club newsletter and a weekly 20-meter net.

You can learn about the Hellschreiber mode, join the club and get links to software at <http://www.feldhellclub.co.uk/> .

While your editor was researching another aspect of the amazing Gilbreth family, she happened to recall the fragment of the Gilbreth mnemonic system for Morse Code mentioned in the book *Cheaper by the Dozen*. An internet search failed to reveal more information than appeared in the book, but I was pleased to discover I wasn't the only one who'd been down that path.

The O'Reilly book people have been kind enough to allow us to reprint a chapter from their book *Mind Performance Hacks* so I could share it with our readers. Even though the "in an hour or less" claim is a bit exaggerated, maybe some of us who have struggled with the earliest stages of **just remembering which sounds go with which letters** may find it useful.

## Learn Morse Code Like an Efficiency Expert

by Ron Hale-Evans

Learn the Morse code alphabet and numbers painlessly and efficiently in an hour or less starting now!

Frank Gilbreth, the industrial psychologist who pioneered efficiency and time-motion studies in the early 20th century, invented a quick and simple way to learn Morse code. Only the first four letters of his Morse alphabet have survived, but this hack reconstructs the rest.

In their book, *Cheaper by the Dozen*, two of Gilbreth's children, now grown, describe how they learned Morse code:

*For the next three days Dad was*

*busy with his paint brush, writing code over the whitewash in every room... On the ceiling in the dormitory bedrooms, he wrote the alphabet together with key words, whose accents were a reminder of the code for the various letters... When you lay on your back, dozing, the words kept going through your head, and you'd find yourself saying, "DANger-ous, dash-dot-dot, DAN-ger-ous."*

This might not be the *best* way to learn Morse code—and understanding it when it is sent to you will certainly take practice—but it is the quickest and simplest method I know of. My family members picked up roughly half the alphabet just by hearing me describe this hack while I was writing it.

### In Action

Briefly, the mnemonic for each Morse code letter is a word or phrase beginning with that letter. In Table 6-1, unaccented (unstressed) syllables represent dots in Morse code, and accented (stressed) syllables represent dashes.

### Letters

To use Table 6-1, first learn the alphabetic mnemonic associated with each letter, and then reproduce the Morse code for that letter by sounding out the stress in the mnemonic.

For example, the mnemonic for R is *ro-TA-tion*. This is the English word *rotation* with the stress on the

second syllable indicated by capital letters. Because the stresses in this word run unstressed-stressed-unstressed, you know that the Morse for R is *.-.* (dot-dash-dot).

### Numbers

Numbers must be learned somewhat differently, but because they are extremely regular, they are also relatively easy. All numbers in Morse code are five symbols (dots and/or dashes) long, and the number of dots corresponds to the numeral that is being transmitted, as shown in Table 6-2.

### How It Works

This hack is yet another example of the power of mnemonics (your dear, dear friend). Remembering the dry and abstract dots and dashes of Morse code is like having to remember an arbitrary and cryptic series of commands to a computer's command-line interface. Creating English mnemonics, however, is like adding a graphical user interface on top of the command line. Simply put, it's like the difference between Windows and DOS.

### In Real Life

Why would you want to learn Morse code, anyway? After all, haven't telephones and email made Morse obsolete? Not at all. Morse code is still useful in a variety of situations ranging from technological breakdown during emergencies to interfacing with the latest technology, such as texting devices.

Excerpt taken from *Mind Performance Hacks*

<http://www.oreilly.com/catalog/mindperfhks/>

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Table 6-1. Mnemonics for letters in Morse code

Letter	Morse	Mnemonic	comment
A	..	a-BOUT	
B	....	BOIS-ter-ous-ly	
C	...-	CARE-less CHILD-ren	
D	...	DAN-ger-ous	(Gilbreth's list ends here).
E	.	eh?	
F	...-	fe-ne-STRAT-ion	
G	--.	GOOD GRA-vy!	
H	....	hee hee hee hee	
I	..	aye aye	Cheating a little, but a good mnemonic.
J	----	ju-LY'S JANE JONES!	Exclamation upon learning that the famous Jane Jones will be a centerfold. Substitute "JOE JONES" if you prefer.
K	-.-	KET-tle KORN	
L	.-..	li-NO-le-um	See <i>A Dictionary of Mnemonics</i> .2
M	--	MORE MILK!	
N	-.	NA-vy	
O	---	OH! MY! GOD!	Said in your best Valley accent.
P	...-	pa-RADE PAN-el	The people who review the parade.
Q	--.-	QUEEN's WED-ding DAY	The rhythm is the same as the opening of the familiar Wedding March, also known as "Here Comes the Bride."
R	.-.	ro-TA-tion	
S	...	si si si	Casual assent from a Spanish speaker.
T	-	THRUST	
U	..-	un-der WHERE?!	Exclamation of surprise upon learning where underwear is worn.
V	...-	va-va-va-VOOM!	Remark upon seeing the July pictorial.
W	.--	with WHITE WHALE	How Captain Ahab left this world.
X	...-	EX-tra ex-PENSE	See <i>A Dictionary of Mnemonics</i> .2
Y	---	YEL-low YO-YO	
Z	--..	ZINC ZOO-keep-er	

Table 6-2. Mnemonics for numbers in Morse code

Num ber	Morse code	Mnemonic notes
0	-----	0 dots
1	-----	1 dot on the left
2	.....	2 dots on the left
3	... . --	3 dots on the left
4	.... . -	4 dots on the left
5	.... . .	5 dots
6	- . . . .	(10 6) dots on the right
7	--- . . .	(10 7) dots on the right
8	--- - . .	(10 8) dots on the right
9	--- - - .	(10 9) dots on the right

**Emergencies.** You can flash Morse code with a mirror, tap it with two kinds of rock, or use many other methods to send a message far, with few resources.

**Assistive technology.** Anyone with minimal motor control can send Morse by using whatever they can manage—by tapping a finger or blinking, for example.

**Secret communication.** You can communicate via hand signals where there might be an audio bug, or by quietly tapping in a room where spoken conversation might be noticed.

**Rapid communication.** In 2005, the Powerhouse Museum of Sydney, Australia, held a contest between two elderly telegraph operators using Morse code and two teenagers

using text messaging on their mobile phones. The telegraph operators beat them handily, despite their not using any texting abbreviations—and being 93 years old.<sup>3</sup>

*The Tonight Show* duplicated the stunt on American television.<sup>4</sup>

After these contests occurred, one clever hacker wrote a free (open source) application for Nokia phones that accepts input in Morse code but sends ordinary text messages, thus allowing users to take advantage of Morse speed, even if the recipient of the message cannot understand Morse.<sup>5</sup>

## Philmont Board Meeting-May 3

Ed KB3IV called the Board meeting to order at 7:47 pm. Attending were Al W3STW, Dick W3RM, Ed KB3IV, Maggie K3XS and Fred WA3KIO.

Dick, W3RM reported that we are in financial good shape and three dues payments came in.

Lloyd Sturgeon, W3LYS was voted in as a new member. Welcome to Philmont, Lloyd.

A letter was presented to the board which is to be sent to Northeast High School stating that Philmont will be removing it's equipment from Northeast High School but

leaving W3YC intact and operational.

Ed reported that the repeater is in good shape with minor things taken care of. The scheduler was corrected for daylight saving time. Southampton was down for a few days but is up and running. Newtown and Villanova are OK. The June Board meeting will be held in Telford at the QTH of Jim, W3BBB. No new business was reported and the meeting was adjourned at 8:57 pm.

73 de WA3KIO

## End Notes

1. Gilbreth, Frank B., Jr., and Ernestine Gilbreth Carey. 2002. *Cheaper by the Dozen*. HarperCollins Publishers.
2. Anonymous. 1972. *A Dictionary of Mnemonics*. Eyre Methuen. The mnemonics for L and X came from this book, which contributor James Crook made me aware of after I solicited replacements for my own, fairly unimpressive L and X mnemonics. As it's a rare British book, I haven't seen it yet myself.
3. Dybwad, Barb. 2005. "Morse code trumps SMS in head-to-head speed texting combat." <http://www.engadget.com/entry/1234000463042528>.
4. Video clip from *The Tonight Show* [http://www.makezine.com/blog/archive/2005/05/video\\_morse\\_cod.html](http://www.makezine.com/blog/archive/2005/05/video_morse_cod.html).
5. "Morse Texter." 2005 [http://laivakoira.typepad.com/blog/2005/05/morse\\_texter.html](http://laivakoira.typepad.com/blog/2005/05/morse_texter.html).

### See Also

- See the excellent Morse code page in the Wikipedia for information on niceties such as word and sentence spacing and timing, punctuation, special symbols, accented letters, abbreviations, and so on: [http://en.wikipedia.org/wiki/Morse\\_code](http://en.wikipedia.org/wiki/Morse_code)

## Philmont General Meeting-May 10

Ed called the meeting to order at 8:00 pm. 14 members attended.

Ed reported that Perry W3PTB was moved to closer rehab facility and is making progress. Maggie reported that the website has been updated to make it current.

Larry K3HWE reported on the ARES net on Sunday nights.

Dick W3RM reported the treasury is in good shape with bills paid and dues in. For the Joanne Hoch and Claude Haring memorial

scholarships, May 30 is the deadline to mail in applications with a June 1st deadline.

It was reported that Philmont would be removing the station from W3AA from Northeast High School due to lack of time by volunteers with W3YC remaining operational with antennas.

Lloyd Sturgeon W3LYS was welcomed as a new member.

The next board meeting would be held at the QTH of W3BBB in Telford.

Dusty ND3Q reported one member at the VE session passed all elements and made Extra class.

Ed KB3IV reported nets are doing fine.

At this time, the meeting was adjourned and the floor turned over to Carmen KE3QB who did his presentation on Field Day.

73 de WA3KIO



## Monthly Phil-Mont VE Exam Session Statistics

for April 6, 2006

One candidate took two elements,  
and we had one new amateur.

Participating VEs were : Dick Moll W3RM, Jim McCloskey NS3K, Bob Freer W3YLT, Ray Hefferman N3FH, Jack Coupe WA3BXH.

for May 4, 2006

One candidate took two elements,  
and we had one upgrade.

Participating VEs were Jim McCloskey NS3K, Jack Coupe WA3BXH

The VE team is chaired by Dusty Rhoads **ND3Q**,  
Upcoming Exam Sessions:

**June 1, 2006**

(See page 2 for details)



**Membership Stats**  
At press time P.M.R.C. has:  
98 Full paid members  
9 Family members  
0 Youth  
1 Honorary members

## June Birthdays

01 Linda Weinberg (XYL KC2OVR)\*\*  
03 Jennifer Miller – KB3MIV  
04 Dick Moll - W3RM  
Sue Sadwin - N2CYA  
06 Chuck Hillman - K3QLY  
10 Thomas Maresca (OM K3YPH)  
12 Miriam Elmaleh - K3UJI  
15 Coupe John - WA3BXH  
24 Anthony Vece - W2AJV  
30 Mike Lenczynski - KA3EIP  
Fred Rice - WA3KIO  
\*New Member 2005

\*\* New Member 2006

## Want to Trade

**10 m Mobile Transceiver-25 Watt output  
for a 2 m 15 to 25 Watt output.**

The radio is a

**Radio Shack HTX-10. 19-1110**

Single-side band, FM bands, 5 Frequency  
Memory, Manual, Auto scan, mike gain and  
RF gain controls, noise blanker and  
automatic noise limiter, condenser mike.  
New Radio Shack 10 m antenna included.

Never got the antenna on the roof.

Only received on the radio. Never  
transmitted.

contact Bill Kane, N3OOL,  
610-296-8575 dutch3@starpower.net.

June 2006 with PMRC  
VE Exams, Northeast High School(see p2)

Thursday 01

Friday 02

Saturday 03

Sunday 04

NCS N3QV

Monday 05

Tuesday 06

Wednesday 07

Thursday 08

Friday 09

Saturday 10

Sunday 11

NCS N3FH

Monday 12

Tuesday 13

Wednesday 14

PMRC General Meeting at Masonic Village (see p2)

Thursday 15

Friday 16

Saturday 17

Sunday 18

NCS KB3IV

Monday 19

Tuesday 20

Wednesday 21

Thursday 22

Friday 23

Saturday 24

Sunday 25

ARRL Field Day – Ft Washington State Park

NCS N3OWM

Monday 26

Tuesday 27

Wednesday 28

Thursday 29

Friday 30

## First Class Mail

641 Kismet Road Philadelphia PA 19115  
The Phil-Mont Mobile Radio Club, Inc

The Blue